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10032988 BA
Indicate quantity of a single type of artifact received but not scanned. Create individual artifact folder/box and artifact number for each Artifact Type.

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CD(s) containing:

computer program listing

Doc Code: Computer

☐

Artifact Type Code: P

pages of specification

and/or sequence listing

and/or table

Doc Code: Artifact

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Artifact Type Code: S

content unspecified or combined

Doc Code: Artifact

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Artifact Type Code: U

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Stapled Set(s) Color Documents or B/W Photographs

Doc Code: Artifact Artifact Type Code: C

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Microfilm(s)

Doc Code: Artifact Artifact Type Code: F

☐

Video tape(s)

Doc Code: Artifact Artifact Type Code: V

☐

Model(s)

Doc Code: Artifact Artifact Type Code: M

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Bound Document(s)

Doc Code: Artifact Artifact Type Code: B

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Confidential Information Disclosure Statement or Other Documents
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Material Submitted under MPEP 724.02, etc.

Doc Code: Artifact Artifact Type Code X

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Other, description: _____

Doc Code: Artifact Artifact Type Code: Z



US006081837A

United States Patent [19]

Stedman et al.

[11] **Patent Number:** **6,081,837**
 [45] **Date of Patent:** ***Jun. 27, 2000**

[54] **METHOD OF ACCESSING INFORMATION
ON A HOST COMPUTER FROM A CLIENT
COMPUTER**

[75] **Inventors:** Steven Matthew Stedman; Glenn Edward Gervais; Kevin MacFarland Mills, all of Bellingham; Michael William Miller, Seattle; David Neal Brim, Custer, all of Wash.

[73] **Assignee:** Wall Data Incorporated, Kirkland, Wash.

[*] **Notice:** This patent is subject to a terminal disclaimer.

[21] **Appl. No.:** 09/302,234

[22] **Filed:** Apr. 29, 1999

Related U.S. Application Data

[63] Continuation of application No. 08/762,266, Dec. 9, 1996, Pat. No. 5,968,119.

[51] **Int. Cl.⁷** G06F 13/00

[52] **U.S. Cl.** 709/219

[58] **Field of Search** 709/200, 201,
709/203, 217, 218, 219

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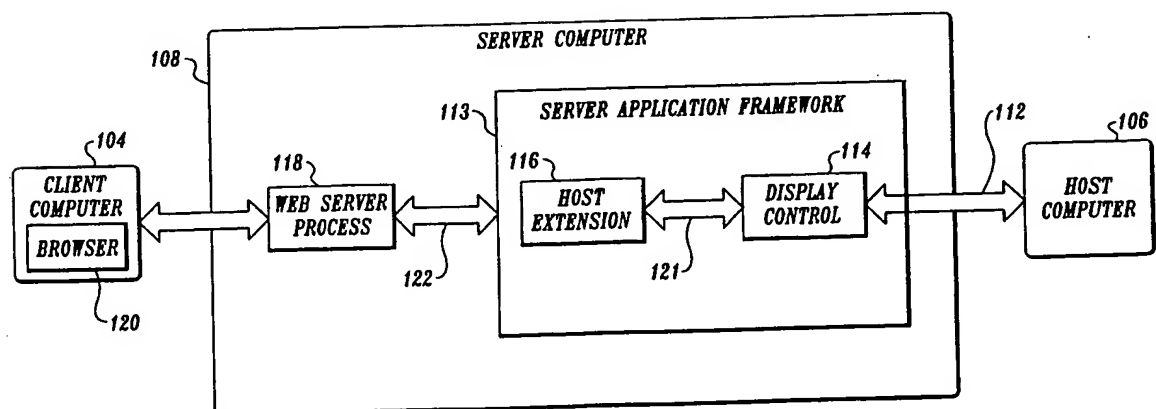
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[57] **ABSTRACT**

A method and apparatus for accessing information on a host computer 106 from a client computer 104 utilizing an intermediate server computer 108 that is connected to the client computer by a network. The host computer transmits a presentation space data stream representing a host screen to the server computer. The server computer creates an HTML document based on the information received from the host computer and transmits the HTML document to the client computer. The client computer creates a Web page based on the HTML document. The Web page includes fields and controls that implement the functionality of the host screens while presenting an improved user interface. A user can create HTML templates that substitute for the automatically created HTML documents for any one or more of the host screens. The server computer inserts session identifiers within the URLs that are contained in the HTML documents, and uses the session identifiers to maintain separate connections between multiple host computers and a single client computer.

40 Claims, 32 Drawing Sheets



The
United
States
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America



**The Director of the United States
Patent and Trademark Office**

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America for the term set forth below, subject to the payment of maintenance fees as provided by law.

If this application was filed prior to June 8, 1995, the term of this patent is the longer of seventeen years from the date of grant of this patent or twenty years from the earliest effective U.S. filing date of the application, subject to any statutory extension.

If this application was filed on or after June 8, 1995, the term of this patent is twenty years from the U.S. filing date, subject to any statutory extension. If the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121 or 365(c), the term of the patent is twenty years from the date on which the earliest application was filed, subject to any statutory extensions.

A handwritten signature in dark ink, appearing to read "J. Todd", followed by a horizontal line.

Director of the United States Patent and Trademark Office

A handwritten signature in dark ink, appearing to read "Thomas E. Haworth", followed by a horizontal line.